

US009636492B2

(12) United States Patent

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(54) MEDICAL CONNECTOR WITH TRANSLATING RIGID INTERNAL VALVE MEMBER AND NARROWED PASSAGE

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(*) Notice: Subject to any disclaimer, the term of this

patent is extended or adjusted under 35

U.S.C. 154(b) by 0 days.

This patent is subject to a terminal dis-

claimer.

(21) Appl. No.: 15/091,484

(22) Filed: Apr. 5, 2016

(65) **Prior Publication Data**

US 2016/0213910 A1 Jul. 28, 2016

Related U.S. Application Data

- (63) Continuation of application No. 14/329,372, filed on Jul. 11, 2014, now Pat. No. 9,358,379, which is a (Continued)
- (51) **Int. Cl.**A61M 39/00 (2006.01)

 A61M 39/10 (2006.01)

 (Continued)

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(10) Patent No.: US 9,636,492 B2

(45) **Date of Patent:**

*May 2, 2017

(58) Field of Classification Search

CPC A61M 39/26; A61M 39/10; A61M 2039/263; A61M 2039/267; A61M

39/045; A61M 2039/261

See application file for complete search history.

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(57) ABSTRACT

A medical connector includes a housing with a central axis, a hollow bore, and a narrowed passage. The connector further includes a rigid valve member configured to move along the axis of the connector as the connector moves between an open and closed configuration. The connector includes a resilient member coupled to the valve member and the housing.

15 Claims, 47 Drawing Sheets

